

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re U.S. Patent application of:

Hans-Peter Call (applicant)

Serial No.: 09/446,373

Filed June 19, 1998

For: OXIDATION AND BLEACHING

SYSTEM WITH ENZYMATICALLY

PRODUCED OXIDIZING AGENTS

Examiner: Weber, John P

Group Art Unit: 1651

**OFFICIAL****FAX RECEIVED**

MAY 13 2003

**GROUP 1600**

Übach-Palenberg, Germany, May 11, 2003

Assistant Commissioner for Patents  
Washington, DC 20231**Amendment after allowance according to 37 CFR 1.312**

Sir:

In response to the Examiner's Amendment, dated May 2, 2003, please amend the above-identified application as follows:

**In the claims:**

The formal corrections etc. are fulfilled according to your proposals and are respectfully submitted and attached (claim 101 to 138 ).

**Patent claims**

101.( currently amended) Enzyme component system (ECS) as a combined oxidation and bleaching system for the preparation of special highly selective oxidants, consisting of

system component 1): at least one hydrolase selected from the group consisting of the enzyme classes: 3.1, 3.1.1, 3.1.2, 3.1.3, 3.1.4, 3.1.7 or at least one hydrolase selected from the group consisting of the enzyme classes: 3.5, 3.5.1, 3.5.2, 3.5.3, 3.5.4, 3.5.5 or 3.5.99,

system component 2): at least one compound selected from the group of fatty acids consisting of C<sub>6</sub> to C<sub>26</sub>, saturated, monounsaturated or polyunsaturated, fatty acids,

system component 3): at least one oxidant for reaction with the enzymes,

system component 4): at least one compound selected from the group of carbonyl compounds.